

MATH 116-02 QUIZ 10

Surname\ Name:

ID:

Problem. Use a suitable substitution to evaluate the integral

$$I = \int \int_R \frac{e^{2x-y}}{x+y} dA,$$

where R is the region bounded by the lines $y = 2x$, $y = 2x + 5$, $y = 2 - x$ and $y = 4 - x$.